



# Existing NRDA Restoration Projects in Lower Duwamish River

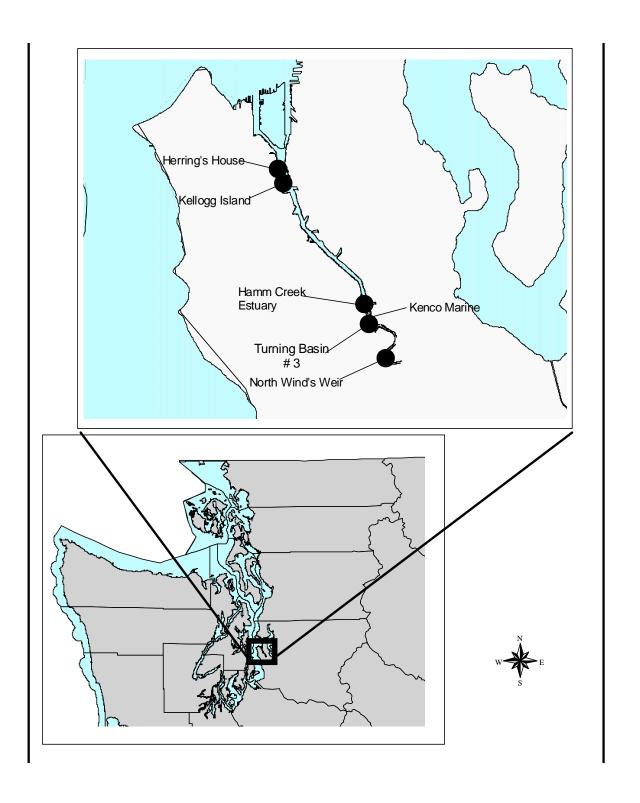
John Kern, NOAA for Lower Duwamish River Natural Resource Trustees

### Elliott Bay/Duwamish Restoration Program

- Established by 1991 Settlement with the City of Seattle and Metro King County
- Formed a Panel of Managers, including Natural Resource Trustees, Seattle, and Metro King County (Panel)
- Developed an Elliott Bay/Duwamish Restoration Program Concept Document
- Created Habitat Restoration Projects to Address Injuries to Natural Resources

### Panel Habitat Projects in Lower Duwamish River

- Herring's House (formerly Seaboard Lumber)
- Hamm Creek
- Kenco Marine (Turning Basin No. 3)
- North Winds Weir (Cecil B Moses Park)



### Herring's House

- Intertidal Off-Channel Basin
- Marsh and Riparian Vegetation
- Public Park





#### Hamm Creek

(with Partners)

- Additional Intertidal Area
- Estuarine and Freshwater Marsh
- Additional Stream
   Bed
- Fish-Passable Opening





### North Winds Weir (Cecil B. Moses Park)

- Intertidal Off-Channel Basin
- Marsh and Riparian Vegetation
- Public Park



# Kenco Marine (Turning Basin No. 3)



### Kenco Marine Before Construction





# Kenco Marine During Construction





# Kenco Marine Planting





### Kenco Marine

Earth Day 2006

Earth Day 2007





#### Kenco Marine Overview





- Remove Dock and Dolphins
- Remove Grounded Barges
- Remove Building (asbestos, lead paint)
- Remove Fill to Pull Back Bank
- Daylight Subtidal and Intertidal
- Create and Plant Marsh Bench
- Create and Plant Riparian Slope

#### For Additional Information

www.darrp.noaa.gov - currently online

www.darrp.noaa.gov/pacific/LowerDuwamishRiver - online in one week

http://ceq.eh.doe.gov/nepa/nepanet.htm

www.nepa.noaa.gov